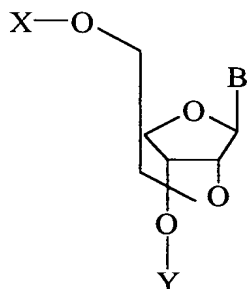


IN THE CLAIMS

Claim 1. (Original) A nucleoside analogue of the following formula (I):



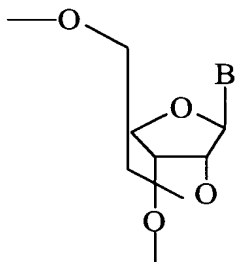
(I)

where B is an analogue of pyrimidine or purine nucleic acid base, and X and Y are identical or different, and each represents a hydrogen atom, an alkyl group, an alkenyl group an alkynyl group, a cycloalkyl group, an aralkyl group, an aryl group, an acyl group, or a silyl group or an amidite derivative.

Claim 2. (Original) A nucleoside analogue as claimed in claim 1, wherein X and Y each represents a hydrogen atom.

Claim 3. (Currently amended) A mononucleoside amidite derivative as claimed in claim 1, wherein X is 4,4-dimethoxytrityl(DMTr), and Y is a 2-cyanoethoxy(diisopropylamino)-phosphano group.

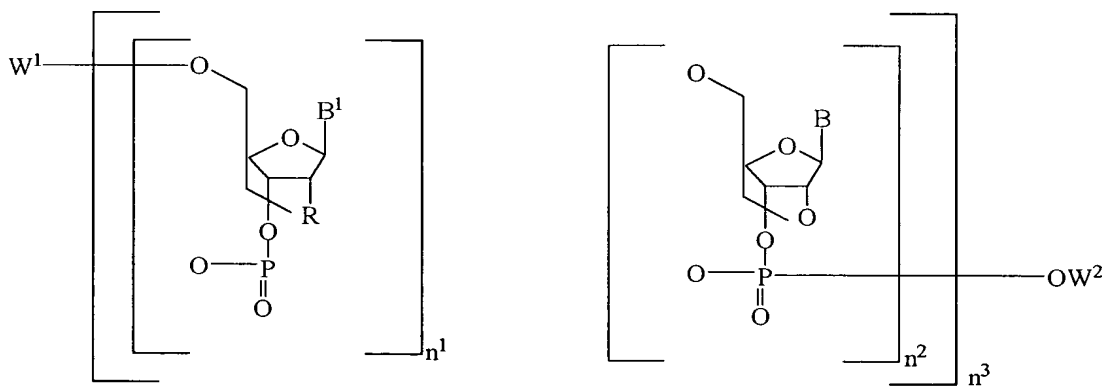
Claim 4. (Currently amended) An oligonucleotide or polynucleotide analogue having one or more structures of the formula (Ia):



(Ia)

where B is an analogue of a pyrimidine or purine nucleic acidbase.

Claim 5. (Currently amended) An oligonucleotide or polynucleotide analogue of the formula (II):



where ~~B1~~B¹ and B are identical or different, and each represents an analogue of pyrimidine or purine nucleic acid base, R is a hydrogen atom, a hydroxyl groups, a halogen atom, or an alkoxy group,

~~W1~~ W¹ and ~~W2~~ W² are identical or different, and each represents a hydrogen atom, an alkyl group, an alkenyl group, an alkynyl group, a cycloalkyl group, an aralkyl group, an aryl group, an acyl group, a silyl group, a phosphoric acid residue, a naturally occurring nucleoside or a synthetic nucleoside bound via a phosphodiester bond, or an oligonucleotide or polynucleotide containing the nucleotide, ~~n1~~ n¹ or ~~n2~~ n² are identical or different, and each denotes an integer of 0 to 50, provided that ~~n1~~ n¹ and ~~n2~~ n² are not both zero, and that not all of the ~~n2~~ n² are zero at the same time, ~~n3~~ n³ denotes an integer of 1 to 50, provided that when ~~n1~~ n¹ and/or ~~n2~~ n² are or is 2 or more, ~~B1~~ B¹ and need not be identical, and R need not be identical.

Claim 6. (Currently amended) The nucleoside analogue according to claim 1 wherein the amidite derivative is ~~phosphoramidite~~ phosphoramidite.

Claims 7-8. (Cancelled)